

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE <b>J</b>		PAGE 1 OF 2 PAGES	
2. AMENDMENT/MODIFICATION NO. <b>0001</b>		3. EFFECTIVE DATE <b>06 June 2003</b>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY <b>U.S. ARMY ENGINEER DISTRICT, ALBUQUERQUE CORPS OF ENGINEERS 4101 JEFFERSON PLAZA, N.E. ALBUQUERQUE, NEW MEXICO 87109-3435</b>		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(✓)		9A. AMENDMENT OF SOLICITATION NO. <b>DACA47-03-R-0017</b>	
				X		9B. DATED (SEE ITEM 11) <b>22 May 2003</b>	
						10A. MODIFICATION OF CONTRACTS/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor ☐ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

**PROJECT: FY03 SURVIVAL EQUIPMENT SHOP, HOLLOMAN AIR FORCE BASE, OTERO COUNTY, NEW MEXICO**

1. This is Amendment No. 1 to Solicitation No. DACA47-03-R-0017; 22 May 2003. The following revision shall be incorporated into the specifications. All other provisions shall remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

2. SECTION 00700, CONTRACT CLAUSES: On page 160 of 167, delete clause "252.225-7031 SECONDARY ARAB BOYCOTT OF ISRAEL (JUN 1992)" in its entirety and replace with clause "252.225-7031 SECONDARY ARAB BOYCOTT OF ISRAEL (APR 2003)", attached hereto.

3. SPECIFICATIONS: Delete the following listed pages and substitute the pages attached hereto. On the revised pages, for convenience, changes are emphasized by the amendment number in parentheses before and after changes from the previous issue. All portions of the revised (or new) pages shall apply whether or not changes have been indicated.

Delete Page

Index, Special Contract Requirements  
00800-1  
00800-6  
01355-8  
01355-13  
01355-15 thru 01355-16  
01451-4 thru 01451-5  
01540-1  
14602-3  
14602-6

Insert Page

Index, Special Contract Requirements  
00800-1  
00800-6 thru 00800-6a  
01355-8  
01355-13  
01355-15 thru 01355-16  
01451-4 thru 01451-5  
01540-1  
14602-3  
14602-6

/////////LAST ITEM/////////

252.225-7031 SECONDARY ARAB BOYCOTT OF ISRAEL (APR 2003)

(a) *Definitions.* As used in this provision-

(1) "Foreign person" means any person (including any individual, partnership, corporation, or other form of association) other than a United States person.

(2) "United States person" is defined in 50 U.S.C. App. 2415(2) and means-

(i) Any United States resident or national (other than an individual resident outside the United States who is employed by other than a United States person);

(ii) Any domestic concern (including any permanent domestic establishment of any foreign concern); and

(iii) Any foreign subsidiary or affiliate (including any permanent foreign establishment) of any domestic concern that is controlled in fact by such domestic concern.

(b) *Certification.* If the offeror is a foreign person, the offeror certifies, by submission of an offer, that it-

(1) Does not comply with the Secondary Arab Boycott of Israel; and

(2) Is not taking or knowingly agreeing to take any action, with respect to the Secondary Boycott of Israel by Arab countries, which 50 U.S.C. App. 2407(a) prohibits a United States person from taking.

(End of provision)

I N D E X

SPECIAL CONTRACT REQUIREMENTS

<u>Clause No.</u>	<u>Title</u>	<u>Page No.</u>
1.	COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK	1
2.	TIME EXTENSIONS	3
3.	LIQUIDATED DAMAGES - CONSTRUCTION	3
4.	CONTRACT DRAWINGS, MAPS, AND SPECIFICATIONS	3
5.	TIME EXTENSIONS UNUSUALLY SEVERE WEATHER	4
6.	LIMITATIONS ON SUBCONTRACTING	5
7.	PHYSICAL DATA	6
(1) 8.	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA	6
9.	AVAILABILITY AND USE OF UTILITY SERVICES	7
10.	LAYOUT OF WORK	7
11.	QUANTITY SURVEYS	7
12.	INSURANCE - WORK ON A GOVERNMENT INSTALLATION	8
13.	EQUIPMENT OWNERSHIP AND OPERATING EXPENSE SCHEDULE	8
14.	ASBESTOS	9
15.	AIRFIELD SAFETY PRECAUTIONS	11
16.	ACCESS TO AUTOMATED INFORMATION SYSTEMS (AIS)	15
17.	IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY	15
18.	RECOVERED MATERIALS	16

Specifications: Survival Equipment Shop, Holloman Air Force Base,  
New Mexico

SECTION 00800

SPECIAL CONTRACT REQUIREMENTS

1. COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK (FAR 52.211-10) (APR 1984).

(a) The Contractor shall be required to (a) commence work under this contract within ten (10) calendar days after the date the Contractor receives notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than the dates or number of calendar days after the date of receipt by him of notice to proceed set forth in the schedule below except as specified in the various landscaping sections:

SCHEDULE

SPA APR 2003

Item of Work	Commencement Time in Calendar Days After Receipt of Notice to Proceed	Completion Time in Calendar Days After Receipt of Notice to Proceed	Liquidated Damages Per Calendar Day
(1) <u>BASE BID</u>			(1)
1.1 Survival Equipment Shop Including Site Work, Complete	10	365	\$886.00
1.2 Demolition of Building 524 Including Asbestos Removal and Disposal, Complete	395 See Note 1	485	\$886.00
1.3 Final As-Built Drawings	See Note 3	See Note 3	-
1.4 O&M Manuals	See Note 4	See Note 4	-
<u>OPTION NO. 1</u>			
1.5 Patio Cover and Wall, Complete	No additional time will be provided. The work shall be accomplished within the duration specified for the base bid.		-

7. PHYSICAL DATA (FAR 52.236-4) (APR 1984). Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(a) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by surveys and soil exploration. Soil exploration data as shown on the drawings.

(b) Weather Conditions:

(1) The nearest weather station in the vicinity is located at Alamogordo, N.M. The climate in the vicinity of Alamogordo is classified as semiarid continental, characterized by hot summers and mild winters with short spring and all seasons. The average annual temperature is 61 degrees and the recorded temperature extremes are 110 degrees and -10 degrees. The average frost-free period is 214 days and usually begins early in April and lasts until early November. The average annual precipitation at Alamogordo is 11.18 inches, with about one-half the amount occurring during the months of July, August, and September when small-area, intense thunderstorms are most prevalent. The maximum amount recorded during a 24-hour period is 2.6 inches in September 1941. The average annual snowfall is 4.1 inches; however, amounts of more than 1 inch per day are seldom experienced.

(c) Transportation Facilities: Highways and railroads are as shown on the drawings.

(1) 8. HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (FAR 52.223-3) (JAN 1997).

(a) "Hazardous material", as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. This hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material (If none, insert "None")	Identification No.
_____	_____
_____	_____
_____	_____

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered nonresponsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from comply with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate, and disclose any data to which this clause is applicable. The purposes of this right are to:

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous material;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with subparagraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(1)

r. A pesticide treatment plan shall be included and updated, as information becomes available. The plan shall include: sequence of treatment, dates, times, locations, pesticide trade name, EPA registration numbers, authorized uses, chemical composition, formulation, original and applied concentration, application rates of active ingredient (i.e. pounds of active ingredient applied), equipment used for application and calibration of equipment. The Contractor is responsible for Federal, State, Regional and Local pest management record keeping and reporting requirements as well as any additional Installation specific requirements. The Contractor shall follow AFI 32-1053 Sections 3.4.13 and 3.4.14 for data required to be reported to the Installation.

#### 1.7.3 Appendix

Copies of all environmental permits, permit application packages, approvals to construct, notifications, certifications, reports, and termination documents shall be attached, as an appendix, to the Environmental Protection Plan.

#### 1.8 NPDES GENERAL PERMITS FOR CONSTRUCTION ACTIVITIES

- (1) Within 20 calendar days of Notice of Award, the Contractor shall submit a Stormwater Pollution Prevention Plan (SWPPP) for review and acceptance by the Contracting Officer. No physical work at the site shall begin prior to acceptance of the Contractor's plan covering the work to be performed.

The Contractor shall comply with EPA's National Pollutant Discharge Elimination System (NPDES), Federal Register Volume 64, Number 235 (Wednesday, December 8, 1999): Rules and Regulations, 40 CFR Parts 9, 122, 123, and 124, National Pollutant Discharge Elimination System-Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges; Final Rule. The Contractor shall submit a Notice of Intent to EPA and post a copy of this notice at the project site. The Contractor shall submit a SWPPP for approval by the Contracting Officer. Acceptance is conditional and is predicated upon satisfactory performance during construction. The Contractor shall submit a Notice of Termination to EPA when the project is complete.

(1)

The Government reserves the right to require the Contractor to modify or revise the SWPPP to insure that all current measures to prevent offsite migration of pollutants, including soils, are included in the SWPPP, or if the Contracting Officer determines that the storm water pollution prevention requirements are not being met.

#### 1.9 PROTECTION FEATURES

This paragraph supplements the Contract Clause PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS. Prior to start of any onsite construction activities, the Contractor and the Contracting Officer shall make a joint condition survey. Immediately following the survey, the Contractor shall prepare a brief report including a plan describing the features requiring protection under the provisions of



weather by placing it in a safe covered location, and shall take precautionary measures such as berming or other appropriate measures against accidental spillage. The Contractor shall be responsible for storage, describing, packaging, labeling, marking, and placarding of hazardous waste and hazardous material in accordance with 49 CFR 171 - 178, State, and local laws and regulations. The Contractor shall transport Contractor generated hazardous waste off Government property within 60 days in accordance with the Environmental Protection Agency and the Department of Transportation laws and regulations. The Contractor shall dispose of hazardous waste in compliance with Federal, State and local laws and regulations. Spills of hazardous or toxic materials shall be immediately reported to the Contracting Officer and the Facility Environmental Office. Cleanup and cleanup costs due to spills shall be the Contractor's responsibility. The disposition of Contractor generated hazardous waste and excess hazardous materials are the Contractor's responsibility. The Contractor shall coordinate the disposition of hazardous waste with the Facility's Hazardous Waste Manager and the Contracting Officer.

#### 3.5.4 Fuel and Lubricants

Storage, fueling and lubrication of equipment and motor vehicles shall be conducted in a manner that affords the maximum protection against spill and evaporation. Fuel, lubricants and oil shall be managed and stored in accordance with all Federal, State, Regional, and local laws and regulations. Used lubricants and used oil to be discarded shall be stored in marked corrosion-resistant containers and recycled or disposed in accordance with 40 CFR 279, State, and local laws and regulations. Storage of fuel on the project site shall be accordance with all Federal, State, and local laws and regulations.

#### 3.5.5 Waste Water

Disposal of waste water shall be as specified below.

- (1) a. Waste water from construction activities, such as onsite material processing, concrete curing, foundation and concrete clean-up, water used in concrete trucks, forms, etc. shall not be allowed to enter waterways or to be discharged prior to being treated to remove pollutants. The Contractor shall dispose of the construction related waste water off-Government property in accordance with all Federal, State, Regional and Local laws and regulations or by collecting and placing it in a retention pond where suspended material can be settled out and/or the water can evaporate to separate pollutants from the water. The site for the retention pond shall be coordinated and approved with the Contracting Officer. The residue left in the pond prior to completion of the project shall be removed, tested, and disposed off-Government property in accordance with Federal, State, and local laws and regulations. The area shall be backfilled to the original grade, top-soiled and seeded/sodded. (1)

should be made. The Contractor shall cease all activities that may result in impact to or the destruction of these resources. The Contractor shall secure the area and prevent employees or other persons from trespassing on, removing, or otherwise disturbing such resources.

### 3.9 BIOLOGICAL RESOURCES

The Contractor shall minimize interference with, disturbance to, and damage to fish, wildlife, and plants including their habitat. The Contractor shall be responsible for the protection of threatened and endangered animal and plant species including their habitat in accordance with Federal, State, Regional, and local laws and regulations.

### 3.10 INTEGRATED PEST MANAGEMENT

(1) In order to minimize impacts to existing fauna and flora, the Contractor, through the Contracting Officer, shall coordinate with the Installation Pest Management Coordinator (IPMC), Mr. Don Carlton, 49 CES/CEOHHE, phone (505) 572-7170, at the earliest possible time prior to pesticide application. The Contractor shall discuss integrated pest management strategies with the IPMC and receive concurrence from the IPMC through the COR prior to the application of any pesticide associated with these specifications. Installation Pest Management personnel shall be given the opportunity to be present at all meetings concerning treatment measures for pest or disease control and during application of the pesticide. The use and management of pesticides are regulated under 40 CFR 152 - 186. (1)

#### 3.10.1 Pesticide Delivery and Storage

Pesticides shall be delivered to the site in the original, unopened containers bearing legible labels indicating the EPA registration number and the manufacturer's registered uses. Pesticides shall be stored according to manufacturer's instructions and under lock and key when unattended.

#### 3.10.2 Qualifications

For the application of pesticides, the Contractor shall use the services of a subcontractor whose principal business is pest control. The subcontractor shall be licensed and certified in the state where the work is to be performed.

#### 3.10.3 Pesticide Handling Requirements

The Contractor shall formulate, treat with, and dispose of pesticides and associated containers in accordance with label directions and shall use the clothing and personal protective equipment specified on the labeling for use during all phases of the application. Material Safety Data Sheets (MSDS) shall be available for all pesticide products.

#### 3.10.4 Application

- (1) Pesticides shall be applied by a State Certified Pesticide/Herbicide Applicator in accordance with EPA label restrictions and recommendation. The Certified Applicator shall wear clothing and personal protective equipment as specified on the pesticide label. Water used for formulating shall only come from locations designated by the Contracting Officer. The Contractor shall not allow the equipment to overflow. Prior to application of pesticide, all equipment shall be inspected for leaks, clogging, wear, or damage and shall be repaired prior to being used. (1)

#### 3.11 PREVIOUSLY USED EQUIPMENT

The Contractor shall clean all previously used construction equipment prior to bringing it onto the project site. The Contractor shall ensure that the equipment is free from soil residuals, egg deposits from plant pests, noxious weeds, and plant seeds. The Contractor shall consult with the USDA jurisdictional office for additional cleaning requirements.

#### 3.12 MAINTENANCE OF POLLUTION FACILITIES

The Contractor shall maintain permanent and temporary pollution control facilities and devices for the duration of the contract or for that length of time construction activities create the particular pollutant.

#### 3.13 TRAINING OF CONTRACTOR PERSONNEL

The Contractor's personnel shall be trained in all phases of environmental protection and pollution control. The Contractor shall conduct environmental protection/pollution control meetings for all Contractor personnel prior to commencing construction activities. Additional meetings shall be conducted for new personnel and when site conditions change. The training and meeting agenda shall include: methods of detecting and avoiding pollution; familiarization with statutory and contractual pollution standards; installation and care of devices, vegetative covers, and instruments required for monitoring purposes to ensure adequate and continuous environmental protection/pollution control; anticipated hazardous or toxic chemicals or wastes, and other regulated contaminants; recognition and protection of archaeological sites, artifacts, wetlands, and endangered species and their habitat that are known to be in the area.

#### 3.14 POST CONSTRUCTION CLEANUP

The Contractor shall clean up all areas used for construction in accordance with Contract Clause: "Cleaning Up". The Contractor shall, unless otherwise instructed in writing by the Contracting Officer, obliterate all signs of temporary construction facilities such as haul roads, work area, structures, foundations of temporary structures, stockpiles of excess or waste materials, and other vestiges of construction prior to final acceptance of the work. The disturbed area shall be graded, filled and the entire area seeded unless otherwise indicated.

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in the CQC system or procedures which may require corrective action by the Contractor.

### 3.4 QUALITY CONTROL ORGANIZATION

#### 3.4.1 Personnel Requirements

The requirements for the CQC organization are a CQC System Manager and sufficient number of additional qualified personnel to ensure safety and contract compliance. Personnel identified in the technical provisions as requiring specialized skills to assure the required work is being performed properly will also be included as part of the CQC organization. The Contractor's CQC staff shall maintain a presence at the site at all times during progress of the work and have complete authority and responsibility to take any action necessary to ensure contract compliance. The CQC staff shall be subject to acceptance by the Contracting Officer. The Contractor shall provide adequate office space, filing systems and other resources as necessary to maintain an effective and fully functional CQC organization. Complete records of all letters, material submittals, show drawing submittals, schedules and all other project documentation shall be promptly furnished to the CQC organization by the Contractor. The CQC organization shall be responsible to maintain these documents and records at the site at all times, except as otherwise acceptable to the Contracting Officer.

#### 3.4.2 CQC System Manager

(1)

The Contractor shall identify as CQC System Manager an individual within the onsite work organization who shall be responsible for overall management of CQC and have the authority to act in all CQC matters for the Contractor. The CQC System Manager shall have as a minimum: five (5) years verifiable experience at the construction skilled-craft foreman level or above; at least five (5) years verifiable experience as a construction Contractor Quality Control Representative; or at least three (3) years experience in either of the two preceding fields, i.e. skilled-craft foreman or above, or Contractor Quality Control. Verifiable construction experience shall be on construction similar to this contract. This CQC System Manager shall be on the site at all times during construction and shall be employed by the prime Contractor. The CQC System Manager shall be assigned as System Manager but may have duties as project superintendent in addition to quality control. An alternate for the CQC System Manager shall be identified in the plan to serve in the event of the System Manager's absence. The requirements for the alternate shall be the same as for the designated CQC System Manager.

(1)

#### 3.4.3 CQC Personnel

(1)

In addition to CQC personnel specified elsewhere in the contract, the Contractor shall provide as part of the CQC organization specific personnel to assist the CQC System Manager when required by the Contracting Officer. These individuals may be employees of the prime or subcontractor; be responsible to the CQC System Manager; be physically present at the

construction site during work on their areas of responsibility; have the necessary education and/or experience.

(1)

#### 3.4.4 Additional Requirement

In addition to the above experience and education requirements the CQC System Manager shall have completed the course entitled "Construction Quality Management For Contractors".

#### 3.4.5 Organizational Changes

The Contractor shall obtain Contracting Officer's acceptance before replacing any member of the CQC staff. Requests shall include the names, qualifications, duties, and responsibilities of each proposed replacement. Upon acceptance of any changes, the Contractor shall revise the CQC plan to accurately reflect the changes. The CQC plan shall be kept current at all times during the life of the contract.

#### 3.5 SUBMITTALS AND DELIVERABLES

Submittals, if needed, shall be made as specified in Section 01330 - SUBMITTAL PROCEDURES. The CQC organization shall be responsible for certifying that all submittals and deliverables are in compliance with the contract requirements. When Section, HEATING, VENTILATING AND AIR CONDITIONING (HVAC) CONTROL SYSTEMS; DIRECT DIGITAL CONTROL FOR HVAC; TESTING, ADJUSTING, AND BALANCING OF HVAC SYSTEMS; or COMMISSIONING OF HVAC SYSTEMS are included in the contract, the submittals required by those sections shall be coordinated with Section 01330 - SUBMITTAL PROCEDURES to ensure adequate time is allowed for each type of submittal required.

#### 3.6 CONTROL

Contractor Quality Control is the means by which the Contractor ensures that the construction, to include that of subcontractors and suppliers, complies with the requirements of the contract. At least three phases of control shall be conducted by the CQC System Manager for each definable feature of work as follows:



SECTION 01540

SECURITY

- (1) 1. IDENTIFICATION OF EMPLOYEES. The Contractor (or subcontractor) will submit a listing of all employees requesting access to the Contracting Officer. The listing will state the access duration required, project location and access areas on the Base, valid driver's license number, social security number, and the nationality of all employees. Upon approval of the list, all United States citizens will be issued an AF Form 75 for identification. All employees will be required to have AF Form 75 in possession in order to gain daily access. All prescribed identification shall immediately be delivered to the Contracting Officer, for cancellation upon the release of any employee. (1)

- (1) 1.1 Foreign Nationals. Employees who are not United States citizens (foreign nationals) will be required to complete a visitor's form. This form will be forwarded to a senior AF staff officer for approval. Allow seven (7) business days for this approval process. Upon approval, the Contractor shall designate an employee who is a United States citizen to be responsible for the foreign national. An AF Form 75 will then be issued to the foreign national by the Visitor's Center. (1)

1.2 Contract Work Area. All contractor personnel will be expected to stay within or near the designated contract work area or common area (eating establishments, disposal areas, etc.). Foreign nationals shall be accompanied by a United States citizen when outside the designated contract work area.

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#### 1.2.1.2 Nameplates

Each major component of equipment shall have the manufacturer's name, address, type or style, model or catalog number, and serial number on a metal plate secured to the equipment.

#### 1.2.1.3 Verification of Dimensions

The Contractor shall verify all dimensions in the field and shall advise the Contracting Officer of any discrepancy before performing any work.

#### 1.2.1.4 Welding

Welding shall be in accordance with AWS D1.1.

#### 1.2.2 Design Criteria

The hoist/winch shall be designed to operate in the spaces and match the dimensions indicated. The hook coverage and hook vertical travel shall not be less than that indicated.

##### 1.2.2.1 Classification

The hoist shall be designed and constructed for operation in a nonhazardous, humid environment.

##### 1.2.2.2 Hoist/winch Characteristics

Hoist/winch shall be an electric-wire-rope hoist of type, class, control, suspension, lift, and operating characteristics specified. Each hoist/winch shall have the capacity, lift-height, suspension, power source, and operating characteristics indicated and as follows:

a. Hoist/winch capacity shall be 1.1023 metric tons(1 ton).

b. Each hoist shall have the minimum height of lift indicated.

(1) c. The hoist/winch shall be the base mounted type.

(1)

d. Each hoist shall be standard headroom or minimum headroom type as indicated.

e. Components of the hoist/winch shall be designed and constructed for safety of operation and durability of components. Replacement parts shall be interchangeable and readily accessible.

Six copies of maintenance manuals shall be furnished for the equipment furnished. Maintenance manuals shall list routine maintenance procedures, possible breakdowns and repairs, and troubleshooting guides. Maintenance manuals shall include piping, layout diagrams, equipment layout diagrams, and wiring and control diagrams of the system as installed. Maintenance manuals shall include a spare parts list of manufacturers recommended spare parts that should be maintained onsite and any long lead time items should be clearly identified. Maintenance manuals shall contain replacement part numbers for the entire assembly.

#### 1.4 DELIVERY AND STORAGE

Equipment delivered shall be placed in indoor storage, protected from the weather, humidity and temperature variations, dirt and dust, or other contaminants.

### PART 2 - PRODUCTS

#### 2.1 ELECTRIC HOIST/WINCH

##### 2.1.1 General

Electric hoist shall be of capacity, lift, type, suspension, headroom, and materials specified. Each unit shall be factory wired and ready for operation. Load-carrying parts of the hoist shall be designed so that the calculated static stress of the material, based on the rated capacity, will not exceed 20 percent of the average theoretical strength of the material. Each hoist shall be factory lubricated and shall be complete and ready for operation with the specified hoist controls and accessories.

##### 2.1.2 Types of Electric Hoists

##### 2.1.2.1 Electric Wire-Rope Hoists

(1) Electric wire-rope hoists shall be equipped with standard wire-rope and hook assembly. (1)

##### 2.1.3 Hoist Speed

Each electric wire-rope hoist speed shall be approximately 20 fpm.

##### 2.1.4 Load and Motor Brakes

Load brake shall be a totally enclosed, automatic, mechanical-type brake with a hardened-steel, Weston-type ratchet and pawl mechanism that will hold the capacity load of the hoist at any point when the motor is stopped. Motor brakes are specified in paragraph MOTOR BRAKE.